

AD-A212 550

1

DATE

July 27, 1989

TO: Information Services Branch
FROM: Computer Products Support Group
RE: DOD/SW/MT-89/026
(REPORT NO.)

PG : Kr ZY
(Init) (Init) (Init)

ANNOUNCE IN GRA & I

PRIORITY ACTION IS REQUIRED

attached

Form NTIS 231

Form 277/FCPC-01

NTIS 79

RDP (OF 272)

Consigned Inventory Acquisition

Form (Interagency Agreement
Number and Split)

Process for:	
<input type="checkbox"/>	Documentation
<input type="checkbox"/>	Mag Tape
<input type="checkbox"/>	Diskette
<hr/>	
<input type="checkbox"/>	Documentation
<input checked="" type="checkbox"/>	Mag Tape
<input type="checkbox"/>	Diskette

DISPOSITION STATEMENT A
Approved for public release
by Defense
Distribution
Management

Actions:

Defense Sponsored: Acquire ADA Number

Order Pending. Return immediately after
copying necessary pages.

Forward processing pages for documentation to Document Control Section.

Subscription request _____ copies

Shelf Stock request _____ copies

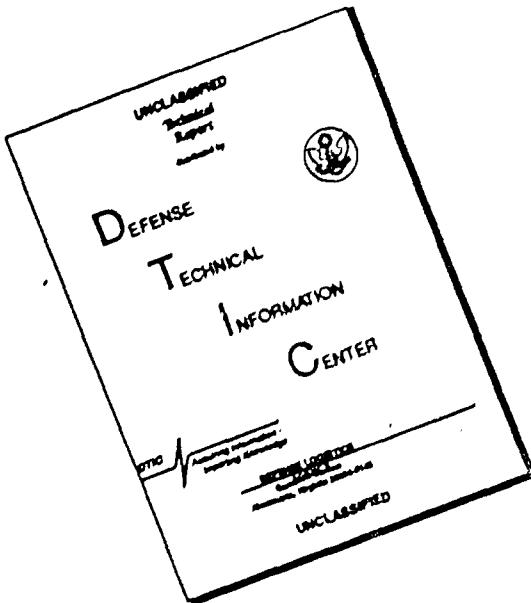
Regular Processing. Do not send to Document Control Section.

DISPOSITION

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DISCLAIMER NOTICE



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PAGES WHICH DO NOT
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II-46

REPLACE

DDA 11-1

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET		1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO.	3. SUBJECT
			DOD/SW/MT-89/025	
4. PRODUCT (circle one)		DATA FILE		PUBLICATION
		DATA BASE REFERENCE SERVICE		SOFTWARE
				MODEL, SIMULATION
5. AGENCY, BUREAU, DIVISION, AND ADDRESS				
ASD/SCEL ACVC Maintenance Organization Bldg 676 Wright-Patterson AFB, Ohio 45433-6503				
6. PRODUCT NAME (Use agency nomenclature)				
Ada Compiler Validation Capability (ACVC), Version 1.11 (Field-Test Release), ANSI, BACKUP, TAR				
7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.) *Software,				
The ACVC is a suite of tests designed to test an Ada Compiler's conformance to MIL-STD-1815A				
8. DATES OF COVERAGE (For one-time reports, use as-of-date. for software, use date and release no.)		9. FILE SIZE IN NO. OF:		
June 1989 Version 1.11 (Draft)		REELS	3	PUNCHED CARDS
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)				
*See also: AD-A188545				
Includes: ANSI		BACK P	TAR	89/0224
11. PRICE INFORMATION		Price includes documentation:		
		(\$3,000 Domestic)		
Price code: T99		(\$6,000 Foreign)		
12. GEOGRAPHIC SCOPE				
The ACVC is unclassified U.S. Software Technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.				
13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)				
NAME		TITLE		PHONE NO.
Steven P. Wilson		AMO Technical Director		(513) 255-4472
14. DOCUMENTATION		EXPECTED AVAILABILITY DATE		
X AVAILABLE AS:				

15. COMPUTER PRODUCT ABSTRACT

The Ada Compiler Validation Capability (ACVC) is a suite of tests designed to determine an Ada compiler's conformance to MIL-STD-1815A the Ada Language Reference Manual (LRM). A new official version of the ACVC is released regularly - currently an 18 month cycle. Six months prior to the expiration of an ACVC version, a field - test release of the subsequent version is made available for distribution. ACVC 1.10 was officially release in Jun 88 and will expire 30 Nov 89... Software Description: The model is written in the Ada programming language for implementation on a DEC VAX/8650 computer using the TMS Version 4.7 operating system.

Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By Mag. Tape \$3,000.00	
Distribution NTIS	
Availability Codes	
Dist	Avail and/or Special
A-121	

16. DATA FILE TECHNICAL DESCRIPTION

Source tape is in ASCII character set. Character set restricts preparation to 9 track, one-half inch tape only. Identify recording mode by specifying density only. Call NTIS Computer Products, if you have any questions.

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in:

Fortran COBOL Basic Assembly Other (Specify) Ada

Software requires:

CPR Mfr. Model(s) Operating system(s)

Minimum of K bytes core. The following special features and/or additional requirements in hardware:

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO.,
AND DATE

513-255-4472
7-1982

SIGNATURE OF NTIS REPRESENTATIVE AND DATE
FORM PREPARED

BACK

USG DODMM-DC 2411-274

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date			02. Form Prepared By (Name and Phone)			03. Reel ID Number (Property Control No.)		
Year	Month	Day	Thomas H. Stripe (513) 255-4472			ACVC 1.11 ANSI		
04. Recording Date			05. File Identifier or Descriptive Title			06. Short Title (External Label Name)		
Year	Month	Day	Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release)			ACVC11		
07. Source Unavailable			08. Documentation			09. File Position on Reel		
Year	Month	Day	Yes	No	Available	_____ of _____		
			<input checked="" type="checkbox"/> (Enter Citation)					
10. To Be Returned			11. Submitting Organization & Address			12. Receiving Organization & Address		
Yes	No	To Other	ASD/SCEL ACVC Maintenance Organization Bldg 676			U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161		
			Wright-Patterson AFB, Ohio 45433-6503					
13. Due Back Date								
Year	Month	Day						

14. Technical Contact(s) & Phone Number(s)

Steven P. Wilson (513) 255-4472

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit Digital Equipment Corp. VAX 8650			17. No. of Tracks		18. Parity		19. Density (BPI)
	7	9	Other	Odd	Even			
RECORDING SOFTWARE	16. Tape Subsystem DEC TU81E/AA			X		X		1600
	20. Operating System, Release & Version VAX/VMS Version 4.7			22. Internal File Identifier				
	21. Utility Program or Data Base Language Copy							
23. Characters Set (Graphics)	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> BCD	<input type="checkbox"/> Other (Specify)	24. Recorded Label (Internal Label)	<input type="checkbox"/> Header	<input checked="" type="checkbox"/> ANSI X 3.27 Standard	<input type="checkbox"/> Other	
	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> FIELDATA	<input type="checkbox"/> Non-Print Codes		<input type="checkbox"/> Trailer	<input type="checkbox"/> FIPS Standard	<input type="checkbox"/> None	

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 8785	27. Record Type		28. Records/Block (Blocking Factor)	29. TYPE OF FILE ORGANIZ- ATION (Check One Box)
	26. Logical 289	<input type="checkbox"/> Fixed Length	<input checked="" type="checkbox"/> Other Than Fixed	N/A	
RECORD LENGTH	30. Physical	<input checked="" type="checkbox"/> Bytes	<input type="checkbox"/> Chars.	<input type="checkbox"/> Words (Bits/Word)	
	31. Logical	<input type="checkbox"/> Bytes	<input checked="" type="checkbox"/> Chars.	<input type="checkbox"/> Words (Bits/Word)	

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes)

Yes	No	The ACVC is unclassified U.S. software technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.		
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33. For Submitting Organization Use

- One File
- One Reel
- One File
- Multiple Reels
- Multiple Files
- One Reel
- Multiple Files
- Multiple Reels

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date			02. Form Prepared By (Name and Phone)			03. Reel ID Number (Property Control No.)		
Year	Month	Day	Thomas H. Stripe (513) 255-4472			ACVC 1.11 Backup		
04. Recording Date			05. File Identifier or Descriptive Title			06. Short Title (External Label Name)		
Year	Month	Day	Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release)			ACVC11		
8 9 0 6 3 0								
07. Source Unavailable			08. Documentation			09. File Position on Reel		
Year	Month	Day	Yes	No	Available (Enter Citation)	_____ of _____		
			X					
10. To Be Returned			11. Submitting Organization & Address			12. Receiving Organization & Address		
Yes	No	To Other	ASD/SCEL ACVC Maintenance Organization Bldg 676 Wright-Patterson AFB, Ohio 45433-6503			U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161		
X		Than The Sender						
13. Due Back Date								
Year	Month	Day						

14. Technical Contact(s) & Phone Number(s)

Steven P. Wilson (513) 255-4472

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit Digital Equipment Corp VAX 8650			17. No. of Tracks		18. Parity		19. Density (BPI)
	7	9	Other	Odd	Even			
RECORDING SOFTWARE	16. Tape Subsystem DEC TU81E/AA			X X				
	20. Operating System, Release & Version VAX/VMS Version 4.7			22. Internal File Identifier ACVC11.BCK				
	21. Utility Program or Data Base Language Backup							
23. Characters Set (Graphics)		<input checked="" type="checkbox"/> ASCII <input type="checkbox"/> BCD <input type="checkbox"/> Other (Specify) <input type="checkbox"/> EBCDIC <input type="checkbox"/> FIELDATA <input type="checkbox"/> Non-Print Codes		24. Recorded Label (Internal Label)		<input type="checkbox"/> Header <input type="checkbox"/> ANSI X 3.27 Standard <input type="checkbox"/> Other <input type="checkbox"/> Trailer <input type="checkbox"/> FIPS Standard <input checked="" type="checkbox"/> None		

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 2488		27. Record Type <input type="checkbox"/> Fixed Length <input checked="" type="checkbox"/> Other Than Fixed		28. Records/Block (Blocking Factor)		29. TYPE OF FILE ORGANIZ- ATION (Check One Box)
					N/A		
RECORD LENGTH	26. Logical 1						
	30. Physical <input checked="" type="checkbox"/> Bytes <input type="checkbox"/> Chars. <input type="checkbox"/> Words (Bits/Word)		
		31. Logical <input type="checkbox"/> Bytes <input checked="" type="checkbox"/> Chars. <input type="checkbox"/> Words (Bits/Word)			

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes)								
Yes	No	The ACVC is unclassified U.S. Software Technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.						
X								
33. For Submitting Organization Use								

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date Year Month Day			02. Form Prepared By (Name and Phone) Thomas H. Stripe (513) 255-4472			03. Reel ID Number (Property Control No.) ACVC 1.11 tar	
04. Recording Date Year Month Day			05. File Identifier or Descriptive Title Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release)			06. Short Title (External Label Name) ACVC11	
07. Source Unavailable Year Month Day			08. Documentation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Available (Enter Citation)			09. File Position on Reel _____ of _____	
10. To Be Returned Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> To Other <input checked="" type="checkbox"/> Than The Sender			11. Submitting Organization & Address ASD/SCEL ACVC Maintenance Organization Bldg 676 Wright-Patterson AFB, Ohio 45433-6503			12. Receiving Organization & Address U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161	
14. Technical Contact(s) & Phone Number(s) Steven P. Wilson (513) 255-4472							

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit Digital Equipment Corp VAX 8650			17. No. of Tracks 7 <input type="checkbox"/> 9 <input type="checkbox"/> Other <input type="checkbox"/> Odd <input type="checkbox"/> Even <input type="checkbox"/>		19. Density (BPI) 1600
	16. Tape Subsystem DEC TU81E/AA			<input type="checkbox"/> X <input type="checkbox"/> X		
RECORDING SOFTWARE	20. Operating System, Release & Version VAX/VMS Version 4.7			22. Internal File Identifier		
	21. Utility Program or Data Base Language UNIXWRITE (FORTRAN)					
23. Characters Set (Graphics)	<input checked="" type="checkbox"/> ASCII <input type="checkbox"/> BCD <input type="checkbox"/> Other (Specify) <input type="checkbox"/> EBCDIC <input type="checkbox"/> FIELDATA <input type="checkbox"/> Non-Print Codes	24. Recorded Label (Internal Label)	<input type="checkbox"/> Header <input type="checkbox"/> ANSI X 3.27 Standard <input type="checkbox"/> Other <input type="checkbox"/> Trailer <input type="checkbox"/> FIPS Standard <input checked="" type="checkbox"/> None			

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 1694	27. Record Type <input type="checkbox"/> Fixed Length <input checked="" type="checkbox"/> Other Than Fixed	28. Records/Block (Blocking Factor) N/A	29. TYPE OF FILE ORGANIZ- ATION (Check One Box)	<input checked="" type="checkbox"/> One File One Reel <input type="checkbox"/> One File Multiple Reels <input type="checkbox"/> Multiple Files One Reel <input type="checkbox"/> Multiple Files Multiple Reels
	26. Logical 1				
RECORD LENGTH	30. Physical <input checked="" type="checkbox"/> Bytes <input type="checkbox"/> Chars. <input type="checkbox"/> Words Bits/Word)				
	31. Logical <input type="checkbox"/> Bytes <input checked="" type="checkbox"/> Chars. <input type="checkbox"/> Words Bits/Word)				

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes)		The ACVC is unclassified U.S. Software Technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>				
X					
33. For Submitting Organization Use					